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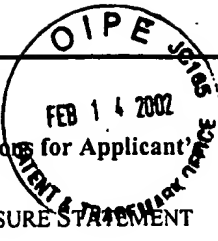
Page 1

Form PTO-1449 (modified)

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Atty. Docket No.  
DEKM:177US/REHSerial No.  
09/989,739Applicant  
Brendan Hinchey  
Hee-Sook SongFiling Date:  
November 20, 2001Group:  
1645U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 1Other Art  
See Page 1

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
C.K.W.	A1	5,391,725	2/21/95	Coruzzi <i>et al.</i>	536	24.1	6/13/91

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
C.K.W.	C1 ✓	Altschul <i>et al.</i> , "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <i>Nucleic Acids Res.</i> , 25:3389-3402, 1997.
C.K.W.	C2 ✓	Brears <i>et al.</i> , "A promoter sequence involved in cell-specific expression of the pea glutamine synthetase GS3A gene in organs of transgenic tobacco and alfalfa," <i>Plant J.</i> , 1(2):235-244, 1991.
C.K.W.	C3 ✓	Coruzzi, "Molecular approaches to the study of amino acid biosynthesis in plants," <i>Plant Science</i> , 74:145-155, 1991.
C.K.W.	C4 ✓	Dubois <i>et al.</i> , "Localization of tobacco cytosolic glutamine synthetase enzymes and the corresponding transcripts show organ- and cell-specific patterns of protein synthesis and gene expression," <i>Plant Mol. Biol.</i> , 31:803-817, 1996.
C.K.W.	C5 ✓	Edwards <i>et al.</i> , "Cell-specific expression in transgenic plants reveals nonoverlapping roles for chloroplast and cytosolic glutamine synthetase," <i>Proc. Natl. Acad. Sci. USA</i> , 87:3459-3463, 1990.
C.K.W.	C6 ✓	Eisenberg <i>et al.</i> , "Structure-function relationships of glutamine synthetases," <i>Biochimica et Biophysica Acta</i> , 1477:122-145, 2000.
C.K.W.	C7 ✓	Ellerstrom <i>et al.</i> , "Functional dissection of a napin gene promoter: identification of promoter elements required for embryo and endosperm-specific transcription," <i>Plant Mol. Biol.</i> , 32:1019-1027, 1996.

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June 9, 2005

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Exam. Init.	Ref. Des.	Citation
C.K.W.	C8 ✓	Forde <i>et al.</i> , "Two glutamine synthetase genes from <i>Phaseolus vulgaris</i> L. display contrasting developmental and spatial patterns of expression in transgenic <i>Lotus corniculatus</i> plants," <i>Plant Cell</i> , 1:391-401, 1989.
C.K.W.	C9 ✓	Forde <i>et al.</i> , "Nuclear factors interact with conserved A/T-Rich elements upstream of a nodule-enhanced glutamine synthetase gene from French bean," <i>Plant Cell</i> , 2:925-939, 1990.
C.K.W.	C10 ✓	Gallusci <i>et al.</i> , "Differences in cell type-specific expression of the gene Opaque 2 in maize and transgenic tobacco," <i>Mol. Gen. Genet.</i> , 244:391-400, 1994.
C.K.W.	C11 ✓	GenBank Accession Number X65927
C.K.W.	C12 ✓	Hamilton <i>et al.</i> , "Dissection of a pollen-specific promoter from maize by transient transformation assays," <i>Plant Mol. Biol.</i> , 18:211-218, 1992.
C.K.W.	C13 ✓	Jeon <i>et al.</i> , "Isolation and characterization of an anther-specific gene, RA8, from rice ( <i>Oryza sativa</i> L)," <i>Plant Mol. Biol.</i> , 39:35-44, 1999.
C.K.W.	C14	Kyozuka <i>et al.</i> , "Promoter elements required for development expression of the Maize Adh1 gene in transgenic rice," <i>Plant Cell</i> , 6:799-810, 1994.
C.K.W.	C15	Lam <i>et al.</i> , "The molecular-genetics of nitrogen assimilation into amino acids in higher plants," <i>Ann. Rev. Plant Physiol. Plant Mol Biol.</i> , 47:569-593, 1996.
C.K.W.	C16 ✓	Li <i>et al.</i> , "Differential expression of six glutamine synthetase genes in <i>Zea mays</i> ," <i>Plant Mol. Biol.</i> , 23:401-407, 1993.
C.K.W.	C17 ✓	Lyznik <i>et al.</i> , "A possible role of pedicel-placento-chalazal tissue in the amino acids supply to the developing maize endosperm," <i>Maydica</i> , 27:191-198, 1982.
C.K.W.	C18 ✓	McGrath and Coruzzi, "A gene network controlling glutamine and asparagine biosynthesis in plants," <i>Plant Journal</i> , 1(3):275-280, 1991.
C.K.W.	C19	Muhitch <i>et al.</i> , "Immunolocalization of a unique form of Maize kernel glutamine synthetase using a monoclonal antibody," <i>Plant Physiol.</i> , 107:757-763, 1995.
C.K.W.	C20 ✓	Muhitch, "Glutamine synthetase activity of the endosperm, embryo and pedicel-placento-chalazal regions of developing maize ( <i>Zea mays</i> ) kernels," <i>Physiol. Planta.</i> , 74:176-180, 1988.
C.K.W.	C21 ✓	Muhitch, "In vitro metabolism of L-aspartate by maize kernels," <i>Phytochemistry</i> , 32(5):1125-1130, 1993.

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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
C.K.W.	C22 ✓	Muhitch, "Purification and characterization of two forms of glutamine synthetase from the pedicel region of Maize ( <i>Zea mays</i> L.) kernels," <i>Plant Physiol.</i> , 91:868-875, 1989.
C.K.W.	C23 ✓	Oliveira <i>et al.</i> , "Metabolite and light regulations of metabolism in plants: lessons form the study of a single biochemical pathway," <i>Brazilian J. Med. And Biol. Res.</i> , 34:567-575, 2001.
C.K.W.	C24 ✓	Porter <i>et al.</i> , "Assimilate unloading from Maize ( <i>Zea mays</i> L.) pedicel tissues," <i>Plant Physiol.</i> , 85:558-565, 1987.
C.K.W.	C25 ✓	Rastogi <i>et al.</i> , "The Maize glutamine synthetase GS <sub>1,2</sub> gene is preferentially expressed in kernel pedicels and is developmentally-regulated," <i>Plant Cell. Physiol.</i> , 39(4):443-446, 1998.
C.K.W.	C26 ✓	Roberts <i>et al.</i> , "Gametophytic and sporophytic expression of an anther-specific Arabidopsis thaliana gene," <i>Plant J.</i> , 3(1):111-120, 1993.
C.K.W.	C27 ✓	Sakakibara <i>et al.</i> , "Molecular identification and characterization of cytosolic isoforms of glutamine synthetase in Maize roots," <i>J. Biol. Chem.</i> , 271(47):29561-29568, 1996.
C.K.W.	C28 ✓	Sakakibara <i>et al.</i> , "Molecular cloning of the family of glutamine synthetase genes form Maize: expression of genes for glutamine synthetase and ferredoxin-dependent glutamate synthase in photosynthetic and non-photosynthetic tissues," <i>Plant Cell Physiol.</i> , 33(1):49-58, 1992.
C.K.W.	C29	Sakamoto <i>et al.</i> , Three cDNA sequences coding for glutamine synthetase polypeptides in <i>Oryza sativa</i> L., <i>Plant Mol. Biol.</i> , 13:611-614, 1989.
C.K.W.	C30 ✓	Stitt, "Nitrate regulation of metabolism and growth," <i>Curr. Op. Plant Biol.</i> , 2:178-186, 1999.
C.K.W.	C31 ✓	Stromvik <i>et al.</i> , "A novel promoter from soybean that is activate in a complex developmental pattern with and without its proximal 650 base pairs," <i>Plant Mol. Biol.</i> , 41:217-231, 1999.
C.K.W.	C32 ✓	Tingey <i>et al.</i> , "Glutamine synthetase genes of pea encode distinct polypeptides which are differentially expressed in leaves, roots and nodules," <i>EMBO J.</i> , 6(1):1-9, 1987.
C.K.W.	C33 ✓	Twell <i>et al.</i> , "Pollen-specific gene expression in transgenic plants: coordinate regulation of two different tomato gene promoters during microsporogenesis," <i>Development</i> , 109:705-713, 1990.
C.K.W.	C34 ✓	Van der Meer <i>et al.</i> , "Promoter analysis of the chalcone synthase (chsA) gene of <i>Petunia hybrida</i> : a 67 bp promoter region directs flower-specific expression," <i>Plant Mol. Biol.</i> , 15:95-109, 1990.

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Substitute for form 1449B/PTO				C m p l t i f K n w n	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				Application Number	09/989,739
				Filing Date	November 20, 2001
				First Named Inventor	Hinchey, Brendan
				Group Art Unit	1645
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	DEKM:177US

[illegible]

Examiner Signature		Date Considered	June 9, 2005
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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